

WHAT IS CLAIMED IS:

1. A column for providing a vertical support to a building, the column comprising:

10 a concrete foundation column for planting in an area of earth, a proximal end of said foundation column protruding from said earth when said concrete foundation column

is planted therein; and

13 a wood column, said wood column secured to said proximal end of said concrete foundation column, said wood column substantially vertically oriented.

X 2. The column of Claim 1, wherein said foundation column includes a substantially transverse anchor pin sleeve secured to and positioned adjacent to a distal end of said foundation column, said anchor pin sleeve comprising a tubular member having opposite ends allowing access to a hollow interior thereof.

X 3. The column of Claim 2, further comprising:
a anchor pin positioned in said hollow interior of said anchor pin sleeve, said anchor pin having opposing ends, at least one of said opposing ends comprising a protruding end protruding from said anchor pin sleeve.

103 064 15 "precast" because is set in water
4312160 4. The column of Claim 1, wherein said foundation column comprises a precast concrete column.

103 100 4766 732 5. The column of Claim 1, wherein said foundation column includes at least one reinforcing bar therein.

103 100 4306 732 6. The column of Claim 1, wherein said foundation column includes at least one U-shaped reinforcing bar therein.

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7. The column of Claim 1, wherein said foundation column includes four reinforcing bars, said reinforcing bars substantially evenly spaced about a longitudinal axis of said foundation column.

8. The column of Claim 5, wherein a proximal end of said reinforcing bar is affixed to a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, said wood column positioned intermediate said arms, said wood column secured to said foundation columns via said column bracket.

9. The column of Claim 6, wherein said U-shaped reinforcing bar has a pair of ends, said pair of ends affixed to a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, said wood column positioned intermediate said arms, said wood column secured to said foundation columns via said column bracket.

10. The column of Claim 7, wherein a proximal end of each said reinforcing bar is affixed to a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending

proximally from said proximal end of said concrete column body, said wood column positioned intermediate said arms, said wood column secured to said foundation columns via said column bracket, said foundation column having a plurality of reinforcing bar spacers, each said reinforcing bar spacer affixed to an adjacent pair of reinforcing bars, said reinforcing bar spacers affixed to a substantially distal end of said reinforcing bars.

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11. The post-frame building of Claim 1, wherein said foundation column includes a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, said wood column positioned intermediate said arms, said wood column secured to said foundation columns via said column bracket.

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12. A post-frame building, comprising:

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a plurality of concrete foundation columns, each said foundation column planted in an area of earth, a proximal end of each said concrete foundation column protruding from said earth;

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a plurality of wood columns, said columns secured to said proximal ends of said concrete foundation columns; and

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a roofing member attached to said columns, said roofing member defining an exterior roof of the building, said roofing member substantially entirely covering a foot print of the building.

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13. The post-frame building of Claim 12, further comprising a siding member attached to said columns, said siding member defining an outer wall of the building.

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14. The post-frame building of Claim 12, further comprising:

a plurality of trusses, each said truss secured to at least one of said columns,

said roofing member attached to said columns via said trusses.

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15. The post-frame building of Claim 13, further comprising:

a plurality of girts, each said girt secured to at least one of said columns, said

siding member attached to said columns via said girts.

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16. The post-frame building of Claim 12, further comprising:

a concrete pad, wherein a distal end of said foundation column is planted in

said area of earth and positioned atop and adjacent to said concrete pad.

X 17. The post-frame building of Claim 16, wherein said foundation column

includes a substantially transverse anchor pin sleeve secured to and positioned adjacent to

said distal end of said foundation column, said anchor pin sleeve comprising a tubular

member having opposite ends allowing access to a hollow interior thereof, said post-frame

building further comprising:

an anchor pin positioned in said hollow interior of said anchor pin sleeve, said

anchor pin having opposing ends, at least one of said opposing ends comprising a protruding

end protruding from said anchor pin sleeve.

X 18. The post-frame building of Claim 17, further comprising:

a concrete collar surrounding a portion of said foundation column, said

protruding end of said anchor pin positioned in said concrete collar, said concrete collar

positioned adjacent said concrete pad.

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19. The post-frame building of Claim 12, wherein each said foundation column

comprises a precast concrete column.

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20. The post-frame building of Claim 19, wherein each said foundation column contains at least one reinforcing bar therein.

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21. The post-frame building of Claim 19, wherein each said foundation column contains at least one U-shaped reinforcing bar therein.

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22. The post-frame building of Claim 19, wherein each said foundation column contains four reinforcing bars, said reinforcing bars substantially evenly spaced about a longitudinal axis of said foundation column.

23. The post-frame building of Claim 20, wherein a proximal end of said reinforcing bar is affixed to a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, one of said wood columns positioned intermediate said arms, said wood columns secured to said foundation columns via said column bracket.

24. The post-frame building of Claim 21, wherein said U-shaped reinforcing bar has a pair of ends, said pair of ends affixed to a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, one of said wood columns positioned intermediate said arms, said wood columns secured to said foundation columns via said column bracket.

7. 25. The post-frame building of Claim 22, wherein a proximal end of each said reinforcing bar is affixed to a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, one of said wood columns positioned intermediate said arms, said wood columns secured to said foundation columns via said column bracket, said foundation column having a plurality of reinforcing bar spacers, each said reinforcing bar spacer affixed to an adjacent pair of reinforcing bars, said reinforcing bar spacers affixed to a substantially distal end of said reinforcing bars.

7. 26. The post-frame building of Claim 12, wherein said anchor post includes a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, one of said wood columns positioned intermediate said arms, said wood columns secured to said foundation columns via said column bracket.

102 4312160 27. A method of constructing a post-frame building, comprising:

✓ planting a plurality of concrete foundation columns in the earth about a perimeter of the building;

affixing a wood column to each said foundation column, said wood column being substantially vertically oriented when affixed to foundation column; and

constructing the building using the wood columns as vertical supports.

X 28. The method of Claim 27, wherein each said foundation column includes a substantially transverse anchor pin sleeve secured to and positioned adjacent to a distal end of said foundation column, said anchor pin sleeve comprising a tubular member having opposite ends allowing access to a hollow interior thereof, said method further comprising the following steps prior to the step of planting a plurality of concrete foundation columns about a perimeter of the building:

providing a plurality of anchor pins sized to traverse said hollow interior of said anchor pin sleeves;

positioning said anchor pins in said anchor pin sleeves, said anchor pins having opposing ends, at least one of said opposing ends comprising a protruding end protruding from said anchor pin sleeves;

forming a plurality of holes in the earth, each hole accommodating one of said plurality of foundation columns;

placing a concrete pad in a distal end of each said hole;

positioning each said foundation column atop one of said concrete pads;

vertically orienting each said foundation column;

pouring a concrete collar about a distal end of each said foundation column, said concrete collar encompassing said anchor pin; and

back-filling each said hole.

29. The method of Claim 27, wherein each said foundation column contains at least one reinforcing bar therein.

30. The method of Claim 27, wherein each said foundation column contains at least one U-shaped reinforcing bar therein.

31. The method of Claim 27, wherein each said foundation column contains four reinforcing bars, said reinforcing bars substantially evenly spaced about a longitudinal axis of said foundation column.

32. The method of Claim 29, wherein a proximal end of said reinforcing bar is affixed to a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, and wherein said step of affixing a wood column to each said foundation column comprises the steps of:

positioning said wood column intermediate said arms; and

securing said wood column to said foundation columns via said column

bracket.

33. The method of Claim 30, wherein said U-shaped reinforcing bar has a pair of ends, said pair of ends affixed to a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, and wherein said step of affixing a wood column to each said foundation column comprises the steps of:

positioning said wood column intermediate said arms; and
securing said wood column to said foundation columns via said column
bracket.

34. The column of Claim 31, wherein a proximal end of each said reinforcing bar is affixed to a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, said foundation column having a plurality of reinforcing bar spacers, each said reinforcing bar spacer affixed to an adjacent pair of reinforcing bars, said reinforcing bar spacers affixed to a substantially distal end of said reinforcing bars, and wherein said step of affixing a wood column to each said foundation column comprises the steps of:

positioning said wood column intermediate said arms; and
securing said wood column to said foundation columns via said column
bracket.

35. The post-frame building of Claim 27, wherein said foundation column includes a column bracket, said column bracket positioned adjacent a proximal end of a concrete column body of said foundation column, said column bracket comprising a base and a pair of depending arms extending from said base, said base positioned adjacent said proximal end of said concrete column body of said foundation column, said arms extending proximally from said proximal end of said concrete column body, and wherein said step of affixing a wood column to each said foundation column comprises the steps of:



bracket.

positioning said wood column intermediate said arms; and
securing said wood column to said foundation columns via said column

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